

Docket No.: 4472-042

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	
Inventor(s): Yong Seo CHO et al.	:	Confirmation No.
U.S. Patent Application No.:	:	Group Art Unit:
Filed: Herewith	:	

For: SYNTHESIS OF 7-MEMBERED CARBOCYCLIC COMPOUND HAVING  
DIEXOMETHYLENE GROUPS

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Respectfully submitted,

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Date: April 14, 2004  
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<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (PTO-1449)</b>				ATTY. DOCKET NO. <b>4472-042</b>		U.S. APPLICATION NO. <b>Not yet assigned</b>	
				APPLICANT <b>Yong Seo CHO et al.</b>			
				FILING DATE <b>herewith</b>		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes      No	
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	Article "The 91 <sup>st</sup> National Meeting of the Korean Chemical Society", ISSN 1229-6708, April 18-19, 2003, p. 363.						
	Fernando Lopez, et al., "Atom-Efficient Assembly of 1,5-Oxygen-Bridged Medium-Sized Carbocycles by Sequential Combination of a Ru-Catalyzed Alkyne-Alkene Coupling and a Prins-Type Cyclization", J. Am. Chem. Soc. 2002 American Chemical Society, pp. 4218-4219.						
	Fouzia Machrouhi, "Sequenced Reactions with Samarium(II) Iodide. A Complementary Annulation Process Providing Access to Seven-, Eight-, and Nine-Membered Carbocycles", J. Org. Chem. 1999 American Chemical Society, pp. 4119-4123.						
	Gary A. Molander, et al., "Neighboring Group Participation in Lewis Acid-Promoted [3+4] and [3+5] Annulations. The Stereocontrolled Synthesis of Tricyclic Ethers", J. Org. Chem. 1993, American Chemical Society, pp. 5931-3427.						
	Dale L. Boger, et al., "Thermal, Four-Carbon + Three-Carbon Cycloaddition Reaction of Cyclopropanone Ketals. Total Synthesis of Deacetamidocolchicine: Formal Total Synthesis of Colchicine", J. Org. Chem. 1985 American Chemical Society, pp. 3425-3427.						
EXAMINER				DATE CONSIDERED			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.